

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066206.D
 Acq On : 16 Mar 2021 10:59
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:24:31 PM

Quant Time: Mar 16 12:52:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 12:51:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.582	168	309334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	501183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	438897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	185540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.821	85	2523	0.77	ug/l	92
3) Chloromethane	2.017	50	7041	1.19	ug/l	98
4) Vinyl Chloride	2.145	62	3947	0.88	ug/l	97
6) Chloroethane	2.652	64	2346m	0.90	ug/l	
7) Trichlorofluoromethane	2.969	101	4710	0.89	ug/l	98
8) Diethyl Ether	3.336	74	2100	0.99	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.690	101	2815m	1.03	ug/l	
12) 1,1-Dichloroethene	3.661	96	3170	1.11	ug/l	80
14) Allyl chloride	4.229	41	6244	0.84	ug/l	96
15) Acrylonitrile	4.892	53	10189m	4.53	ug/l	
16) Acetone	3.739	43	12312	4.86	ug/l	92
17) Carbon Disulfide	3.967	76	8713	1.02	ug/l	97
18) Methyl Acetate	4.235	43	4872m	0.80	ug/l	
19) Methyl tert-butyl Ether	4.945	73	10402m	0.94	ug/l	
20) Methylene Chloride	4.449	84	3554	0.98	ug/l #	89
21) trans-1,2-Dichloroethene	4.937	96	3331m	1.03	ug/l	
22) Diisopropyl ether	5.860	45	11084	0.74	ug/l #	86
23) Vinyl Acetate	5.798	43	51385m	4.17	ug/l	
24) 1,1-Dichloroethane	5.739	63	6388m	0.88	ug/l	
25) 2-Butanone	6.745	43	13127	3.53	ug/l	94
26) 2,2-Dichloropropane	6.724	77	5489m	0.86	ug/l	
27) cis-1,2-Dichloroethene	6.726	96	3229m	0.82	ug/l	
28) Bromochloromethane	7.094	49	3192m	0.79	ug/l	
29) Tetrahydrofuran	7.131	42	9580	3.88	ug/l #	75
30) Chloroform	7.284	83	5782	0.83	ug/l	95
32) 1,1,1-Trichloroethane	7.483	97	5279	0.89	ug/l #	32
36) 1,1-Dichloropropene	7.705	75	4640	0.89	ug/l #	73
37) Ethyl Acetate	6.844	43	7865m	1.08	ug/l	
38) Carbon Tetrachloride	7.684	117	4018	0.83	ug/l #	95
39) Methylcyclohexane	9.011	83	4615	0.76	ug/l	98
40) Benzene	7.957	78	13581	0.86	ug/l	93
41) Methacrylonitrile	7.110	41	3782m	0.99	ug/l	
42) 1,2-Dichloroethane	8.046	62	4491	0.74	ug/l	99
43) Isopropyl Acetate	8.091	43	9379	0.77	ug/l #	95
44) Trichloroethene	8.770	130	3657m	0.95	ug/l	
45) 1,2-Dichloropropane	9.046	63	3696	0.76	ug/l #	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.135	93	2046	0.76	ug/l	95
47) Bromodichloromethane	9.338	83	4922	0.86	ug/l	98
48) Methyl methacrylate	9.129	41	4534	0.79	ug/l	98
49) 1,4-Dioxane	9.145	88	1122m	17.93	ug/l	
51) 4-Methyl-2-Pentanone	9.920	43	25681	3.53	ug/l	98
52) Toluene	10.089	92	7459	0.79	ug/l	95
53) t-1,3-Dichloropropene	10.320	75	4538	0.69	ug/l	96
54) cis-1,3-Dichloropropene	9.770	75	5765	0.82	ug/l #	90
55) 1,1,2-Trichloroethane	10.502	97	3114	0.80	ug/l	95
56) Ethyl methacrylate	10.371	69	4056	0.67	ug/l	92
57) 1,3-Dichloropropane	10.645	76	5462	0.78	ug/l	97
59) 2-Hexanone	10.693	43	16026	3.05	ug/l	96
60) Dibromochloromethane	10.843	129	3200	0.80	ug/l	95
61) 1,2-Dibromoethane	10.942	107	2618	0.67	ug/l	87
64) Tetrachloroethene	10.570	164	3642	0.97	ug/l	97
65) Chlorobenzene	11.374	112	7997	0.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	2933	0.85	ug/l #	59
67) Ethyl Benzene	11.452	91	12761	0.79	ug/l	99
68) m/p-Xylenes	11.562	106	9703	1.62	ug/l	92
69) o-Xylene	11.886	106	4597	0.79	ug/l	92
70) Styrene	11.908	104	7068	0.75	ug/l	95
71) Bromoform	12.066	173	2039	0.77	ug/l #	88
73) Isopropylbenzene	12.192	105	11034	0.80	ug/l	99
74) N-amyl acetate	12.023	43	2774m	0.42	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.452	83	4131	0.82	ug/l	98
76) 1,2,3-Trichloropropane	12.495	75	4676m	1.04	ug/l	
77) Bromobenzene	12.468	156	3406	0.98	ug/l	81
78) n-propylbenzene	12.538	91	12157	0.76	ug/l	98
79) 2-Chlorotoluene	12.619	91	7442	0.74	ug/l	97
80) 1,3,5-Trimethylbenzene	12.680	105	8739	0.76	ug/l	99
82) 4-Chlorotoluene	12.715	91	6310	0.64	ug/l	85
83) tert-Butylbenzene	12.938	119	9960m	1.03	ug/l	
84) 1,2,4-Trimethylbenzene	12.983	105	8384	0.74	ug/l	96
85) sec-Butylbenzene	13.115	105	9513	0.73	ug/l	98
86) p-Isopropyltoluene	13.235	119	8127	0.71	ug/l	93
87) 1,3-Dichlorobenzene	13.230	146	4877	0.81	ug/l	96
88) 1,4-Dichlorobenzene	13.305	146	6399m	1.02	ug/l	
89) n-Butylbenzene	13.563	91	7067	0.69	ug/l	98
90) Hexachloroethane	13.820	117	1868m	1.01	ug/l	
91) 1,2-Dichlorobenzene	13.597	146	4822	0.81	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.206	75	585	0.57	ug/l	82
93) 1,2,4-Trichlorobenzene	14.853	180	3242	0.94	ug/l #	93
94) Hexachlorobutadiene	14.944	225	1691m	0.83	ug/l	
95) Naphthalene	15.075	128	10117	1.01	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.250	180	3550	1.02	ug/l	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

